ANNUAL REPORT

TO THE

Longtown Rural District Council

For the Year ending 31st December, 1909,

BY

DR. S. F. MC.LACHLAN,

MEDICAL OFFICER OF HEALTH.

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LONGTOWN, JANUARY, 1910.

ANNUAL REPORT

To the Longtown Rural District Council

For the Year ending December 31st, 1909.

GENTLEMEN,

I have the pleasure of submitting to you my Report on the Health of the District during the year 1909, with an account of the Sanitary Work during the same period.

The total number of births registered during 1909 has been 128, 62 being males and 66 females, which are equal to a birth-rate of 19.39 per thousand per annum. In 1908 there were 164 births, 81 being males and 83 females, with a birth-rate of 24.84.

The total number of deaths registered during 1909 has been 90, 44 being males and 46 females, which are equal to a death-rate of 13.64 per thousand per annum. In 1908 the number of deaths was 100, 47 being males and 53 females, with a death-rate of 15.15. Of those under one year of age there were 10 deaths, with a rate of 1.51; last year 16 deaths, rate 2.42. Of those between one and five years of age there were 5 deaths, rate 0.75; last year 4 deaths, rate 0.60. Of those sixty-five years of age and upwards there were 38 deaths, rate 5.75; last year 50 deaths, rate 7.57.

In the High District the number of births was 28, and the number of deaths 19; the birth-rate being 15.55, and the death-rate 10.55. In 1908 the number of births was 45, rate 25.00; and the deaths 30, rate 16.66. Of those under five years of age there were 3 deaths, with a rate of 1.66; last year 4 deaths, rate 2.22. Of those sixty-five years of age and upwards 6 deaths, rate 3.33; last year 16 deaths, rate 8.88.

In the Low District the number of births was 100, and the rate 20.38; the number of deaths was 71, and the rate 14.79. In 1908 there were 119 births and 70 deaths, with a birth-rate of 24.80, and a death-rate of 14.58. Of those under five years of age 12 deaths, rate 2.50; last

year 16 deaths, rate 3.33. Of those sixty-five years of age and upwards 32 deaths, rate 6.66; last year 34 deaths, rate 7.08.

In Longtown, there were 28 deaths, with a rate of 16.47; last year 26 deaths, rate 15.29. Of those under five years of age 5 deaths, rate 2.94; last year 9 deaths, date 5.29. Of those sixty-five years of age and upwards 13 deaths, rate 7.64; last year 7 deaths, rate 4.11.

The following table shews the number of deaths and the rate per thousand in Longtown since 1881:—

Year.	Number of Deaths.	Death-rate
1881	36	20.27
1882	36	20.27
1883	41	23.08
1884	29	16.32
1885	39	21.95
1886	40	22.22
1887	36	20.00
1888	24	13.51
1889	41	22.77
1890	48	26.66
1891	40	23.86
1892	40	23.86
1893	29	17.30
1894	33	19.68
1895	44	26.25
1896	23	13.72
1897	24	14.32
1898	31	18.49
1899	39	23.26
1900	30	17.90
1901	25	14.49
1902	25	14.49
1903	22	12.75
1904	21	12.35
1905	41	24.11
1906	30	17.64
1907	46	27.05
1908	26	15.29
1909	28	16.47

The total number of deaths from zymotic diseases in 1909 has been 1, with a rate of 0.15. Last year 4 deaths, rate 0.60.

Table shewing the number of deaths and the rate per thousand due to zymotic diseases since 1881 :—

Year.	Number of Deaths.	Death-rate.
1881	7	0.90
1882	14	1.81
1883	10	1.28
1884	4	0.51
1885	5	0.64
1886	14	1.78
1887	9	1.14
1888	7	0.88
1889	5	0.63
1890	9	1.13
1891	10	1.39
1892	7	0.97
1893	9	1.25
1894	10	1.39
1895	1	0.13
1896	3	0.41
1897	4	0.55
1898	7	0.97
1899	8	1.11
1900	1	0.14
1901	2	0.30
1902	6	0.89
1903	0	0.00
1904	0	0.00
1905	5	0.75
1906	4	0.60
1907	3	0.45
1908	4	0.60
1909	1	0.15

Table of deaths due to phthisis and the rate per thousand since 1882 :—

Year.	Number of Deaths.	Death-rate.
1882	20	2.59
1883	20	2.57
1884	20	2.56
1885	18	2.31
1886	13	1.66
1887	10	1.27
1888	13	1.64
1889	17	2.14

Year.	Number of Deaths.	Death-rate.
1890	14	1.76
1891	14	1.94
1892	14	1.94
1893	9	1.25
1894	11	1.53
1895	9	1.25
1896	7	0.97
1897	8	1.11
1898	5	0.69
1899	10	1.39
1900	8	1.11
1901	6	0.89
1902	7	1.04
1903	11	1.66
1904	11	1.66
1905	2	0.30
1906	8	1.21
1907	6	0.90
1908	9	1.36
1909	8	1.21

Table shewing the number of deaths and the rate per thousand from pulmonary diseases, including phthisis, since 1882:—

Year.	Number of Deaths.	Death rate.
1882	35	4.54
1883	59	7.60
1884	34	4.38
1885	43	5.52
1886	46	5.87
1887	25	3.18
1888	34	4.30
1889	33	4.16
1890	40	5.05
1891	41	5.70
1892	36	5.01
1893	26	3.62
1894	34	4.73
1895	33	4.59
1896	22	3.06
1897	22	3.06
1898	20	2.78
1899	26	3.62
1900	17	2.36

Year.	Number of Deaths.	Death-rate.
1901	15	2.24
1902	18	2.69
1903	17	2.57
1904	33	5.00
1905	20	3.03
1906	14	2.12
1907	24	3.63
1908	17	2.57
1909	17	2.57

Table of deaths and the rate per thousand from pulmonary diseases, excluding phthisis:—

Year.	Number of Deaths.	Death-rate.
1882	15	1.95
1883	39	5.03
1884	14	1.82
1885	25	3.21
1886	33	4.21
1887	15	1.91
1888	21	2.66
1889	16	2.02
1890	26	3.29
1891	27	3.76
1892	22	3.07
1893	17	2.36
1894	23	3.20
1895	24	3.34
1896	15	2.08
1897	14	1.95
1898	15	2.08
1899	16	2.22
1900	9	1.25
1901	9	1.34
1902	11	1.64
1903	6	0.90
1904	22	3.33
1905	18	2.72
1906	6	0.90
1907	18	2.72
1908	8	1.21
1909	9	1.50

The lowest death-rate in 1909 occurred in Bewcastle, there being 8 deaths, with a rate of 9.37. The highest

death-rate occurred in Kirkandrews, with 12 deaths, and a rate of 17.54. In Arthuret, 37 deaths, rate 15.18. In Kirklinton, 18 deaths, rate 13.65. In Scaleby, 4 deaths, rate 10.78. In Stapleton, 6 deaths, rate 12.79. In Nicholforest, 5 deaths, rate 10.46.

Table shewing the total number of deaths registered in the district, and the rate per thousand since 1881:—

Year	Number of Deaths.	Death-rate.
1881	124	16.03
1882	126	16.34
1883	143	18.34
1884	121	15.60
1885	134	17.21
1886	155	19.97
1887	118	15.02
1888	123	15.53
1889	124	15.65
1890	152	19.18
1891	124	17.26
1892	123	17.12
1893	114	15.87
1894	114	15.87
1895	136	18.39
1896	96	13.36
1897	103	14.34
1898	111	15.45
1899	112	15.59
1900	109	15.17
1901	82	12.28
1902	88	13.18
1903	85	12.88
1904	118	17.87
1905	107	16.21
1906	87	13.18
1907	121	18.33
1908	100	15.15
1909	90	13.64

Of the total number of deaths 33 were seventy years of age and upwards, of which 16 were eighty years of age and upwards, 3 being ninety years of age and upwards. The ages are as follows:—70, 70; 72; 73; 74, 74, 74; 75, 75, 75, 75, 75; 76; 78, 78; 79, 79; 80, 80; 81; 82, 82, 82; 84; 85; 86, 86, 86; 88; 89; 90; 92; 93.

Table shewing the number of deaths from cancer since 1890:—

Year.	Number.
1890	5
1891	8
1892	8
1893	6
1894	8
1895	2
1896	5
1897	2
1898	3
1899	3
1900	10
1901	4
1902	7
1903	6
1904	8
1905	7
1906	5
1907	14
1908	8
1909	9

Table of deaths from cancer during 1909:—

Parish.	Sex.	Age.	Disease.
Arthuret	Female	75	Uterus
,,	Male	79	Liver
,,	Female	76	Stomach
Kirklinton	,,	39	Uterus
,,	,,	49	,,
,,	,,	58	Bladder
Stapleton	,,	57	Stomach
,,	,,	64	Œsophagus
Nicholforest	Male	60	Axilla

Deaths Registered from Different Causes during the Year 1909.

Cause of Death.	No.
Senile Decay	8
Diseases of Nervous System	18
,, Respiratory System	9
,, Digestive System	7
Carried forward	42

Cause of Death.	No.
Brought forward	42
Diseases of Heart	13
,, Liver	1
,, Kidneys	4
Phthisis (Consumption)	8
Other Tubercular Diseases	3
Cancer	8
Accidents of Parturition	2
Influenza	1
Diabetes	1
Dementia	1
Deficient Vitality	1
Premature Births	3
Accidents	2
Total	90

There has been a decrease in the number of deaths and the death-rate for the year; there being 90 deaths registered, with a rate of 13.64, against 100 deaths, and a rate of 15.15 in the preceeding year.

There has also been a large number of deaths among old people, 33 being seventy years of age and upwards, 3 being ninety years of age and upwards. There has been a decrease in the infant mortality under one year of age, there being 10 deaths, against 16 in 1908. There were 9 deaths due to cancer, the same number as last year. There were 8 deaths due to phthisis, against 9 last year. The zymotic death-rate is a very low one, 1 death, rate 0.15.

I have had 26 notifications of infectious diseases during the year, 3 being in the High District and 23 in the Low District.

Scarlet Fever.

There were 22 cases, 1 in the High District and 21 in the Low District. In April, 1 occurred at Hoper House, 5 in January and February at Rosetrees Cottages, 1 in February at Moorhouse Cottage, 1 in May at Whamtown Cottage, 1 in March in Longtown, 1 in July at Charlesfield, 3 at Brunthill, and 1 at Jennie's Hill in September, 2 at Jerriestown in October, 1 in Longtown, 1 at Roundknowe, and 3 at Hillhouse in November, and 1 at Westlinton in December.

Erysipelas.

Two cases occurred in the High District at Low Todhills, and 1 in the Low District at Mossband Cottages.

Typhoid Fever.

One case occurred in March at Henry's Hill.

I append details of some of the sanitary work done during the year:—

In Longtown—Where there was defective pavement around gully-trap in the yard. This has been remedied. In Longtown—A lodging-house, where the bedroom floor was in bad condition, plaster coming off walls and ceiling, the pillows on the bed dirty, and slabs of wood below chaff mattress, making a very hard and uneven bed. Another bedroom in much the same insanitary condition. Notice was served, and bedrooms cleaned, but the house is not now used as a lodging-house. In Longtown—A lodging-house, where the room was dirty, and insufficiently ventilated, the kitchen floor a wooden one, and in bad repair. The yard was dirty, and part required repaving. A cement floor was laid in the kitchen, the room was cleaned, and a new window put in, which opens properly for ventilation, and the yard cleaned, and part repaved. In Longtown—Where the bedrooms were in a dirty condition. The ceiling was limewashed and the walls repapered. In Longtown—Where there was insufficient ventilation in the bedrooms. New windows were put in and properly hung to open for ventilation. In Longtown—Where a dwelling house and yard were in a filthy condition. Both house and yard have been properly cleaned. In Longtown—A slaughter-house, where there were defective pavement and channel. Both have been remedied. In Longtown—Where there was an ashpit used by a number of tenants in a filthy condition. This has been remedied. In Longtown—An ashpit used by a number of tenants, in a filthy condition, and the walls in a bad state of repair. The ashpit was cleaned and the walls properly repaired. At Rackgate—Where the floor was damp, and insufficient ventilation in bedrooms, and no privy accommodation. This case was heard before the Magistrates' Court at Longtown, with the result that all the work was carried out, viz., the damp floor was cemented, windows made to open for ventilation,

and a privy provided. At Blackbank School—Where the boys' urinal was in a filthy condition, and not properly drained. This has been remedied. At Hewstown—Where there was no proper drainage nor traps to carry off liquid manure from out-buildings. The yard has been properly drained and trapped gullies fixed. At Rackgate—Where the pavement in front of the dwelling house door was in a bad state of repair, and a defective drain at the back entrance of the house. The yard has been paved, and the drain put into order. At Howberry—Where the yard was in an insanitary condition from want of drainage. The yard has been repaved, and the drainage improved. At Roadhead—Where the walls of the bedroom were damp. The front and end walls have been boarded, but the back wall was also damp, and nothing done. A second notice was served, but do not know if it has been remedied. At Roadhead—Where there is an insanitary condition of the yard, due to want of proper drainage. Notice was served, but the owner states that he intends to rebuild the house. At Sleetbeck—Where there was a defective drain, want of ventilation in the privy, and insufficient ventilation in the servants' bedroom. In this case a new drain was put in, ventilation provided in servants' bedroom and privy. At Westlinton—Where there was a gully-trap in an insanitary condition. This has been remedied. At Henry's Hill, where there had been a case of typhoid fever in March, there was only surface drainage in the yard. The distance of the pump-tree to piggeries is 16 feet, and to the channel in front of the piggeries 11 feet, and to the byre 21 feet, so that under such conditions there was a risk of contamination of the well water. About 18 months ago, the well was cleaned, and a new tree put in. The water tasted good and was clear and bright. The yard has been properly drained, and gully-traps fixed. At the Loom—Where there was a damp wall in dwelling house, want of drainage and privy accommodation. The roof has been spouted, the west gable wall cemented, a drain put in, and a privy provided. At Coldslope—Where the floor and walls in the bedroom were damp, and no privy accommodation. A cement floor has been laid down in the bedroom, and a privy provided. At Townfoot—Where there was a want of drainage in the yard, and no privy accommodation. A

drain and trapped gullies have been put in, and a privy provided. At Flatt Farm—Where there were defective gully-traps in the yard, &c. A proper sink was fixed in the scullery, and trapped gullies in the yard. At The Stubb—Where there was an insanitary condition of the yard, due to the want of proper drainage and paving. In this case drains have been put in, and trapped gullies fixed at stable and byre doors, but a cement channel still remains to be laid down in front of the byre. At Mossedge—Where the gable-end of bedroom was very damp, and the privy in bad order. The spouting behind the house is also in a bad state of repair. Nothing has been done. At Mosside—Where there was no furniture in the kitchen except a settle and bicycle. The bedroom, up a ladder, contained no furniture, but there was some bedding on the floor, and four cats on it, the bedding being in a filthy condition, not fit to sleep on. The tenant removed before any action was taken. Mossedge—Where there was a workshop with no ventilation. This has been remedied. At Closehouse—Where there was a want of drainage in the yard. Drains have been put in and gully-traps fixed. At Mount Farm—Where the yard was in a filthy condition from want of proper drainage. The yard has been drained and gully-traps fixed. At Whamtown—Where the yard was in bad condition from want of drainage, &c. The yard has been properly drained and trapped. In Longtown—Where two adults and two children sleep in the kitchen, the walls, ceiling, and floor being in a very dirty condition, the window opening from bottom only, and is not hung. In the bedroom, where four children and one lodger sleep, the walls, ceiling, and floor dirty, the floor in bad condition. In its present condition the house is unfit for healthy habitation. The owner ejected the tenant, and had a new window put into the room, repaired floor, and house cleaned. In Longtown—A bakehouse, in High Street, where the ceiling required limewashing, painting, or varnishing. The ceiling has been boarded, but it has yet to be painted. Also, more ventilation is required, and steps are being taken to provide it. In Longtown—A bakehouse, in Netherby Street, where the ceiling required limewashing, this has been done. At Hunter's Holme—Where three walls of the back bedroom and floor were damp. A drain has been put round the house, which is expected to remedy the defects. At Well-

know Rigg—Where the sleeping place above bedroom was not ceiled, and not sufficient ventilation, the floor of bedroom rotten, and a new privy required. This has been remedied. At Jerriestown North—Where there was a want of proper drainage and gully-traps in the yard. At Jerriestown South—Where the wooden pump at the back door is in a dilapidated condition, the drain and trap being in an insanitary condition, and having a bad odour. At Charlesfield—Where there is a want of drainage and gully-traps in the yard, and paving required in the centre of the yard. In the above three cases there has not yet been time to have the work carried out.

There have been four new dwelling houses erected during the year, three of which have received certificates as to water supply. One has still to be certified before occupation.

In the summer a dust cart was got to water the streets of Longtown in dry weather, which has proved a great boon to the inhabitants.

Inspector's Report regarding Sanitary Work in connection with Cowsheds in 1909.

I have inspected most of the cowsheds during the year, and on the whole I found them fairly clean. In many cases the ventilation is not to my liking, slit holes, or openings below the level of the cows' heads are objectionable. I approve of windows with hopper arrangement for inlet ventilation, which gives the air an upward current, and also properly constructed ventilators on the roof to draw off the vitiated air. There are still a few cowsheds with cobble-paved channels, which are objectionable, as it is impossible to clean them properly. I am doing my best to bring about these improvements. I beg to call your attention to No. 5 of the Regulations, which requires "that the ceiling or interior of the roof must be limewashed twice a year, if not properly painted or varnished." I have great difficulty in getting cow-keepers to carry out this regulation; in fact, some of them definitely decline to do so.

Cowshed in Ward Street, Longtown—Where 4 large-sized cows are kept in a cowshed, which contains about 1,000 cubic feet of air space, the channels behind the

cows are blocked up with sleepers. The cowshed is altogether unsatisfactory. Notice was served on the owner, with the result that the interior of the cowshed has been reconstructed, the floor lowered, which gives more air space, and fitted for 3 cows only. It is much improved, but it cannot be said to be a first-class cowshed. Cowsheds at Old Hall, Nicholforest—Where there is insufficient light, an improvement required in the ventilation, and the underside of the roof limewashed. Sufficient light has been provided. The slit holes opposite the cows' heads raised and improved, and the underside of the roof limewashed. I have difficulty in getting this cowkeeper to keep the sheds as clean as they ought to be. Cowshed in Nicholforest—Where application was made to have this cowshed registered. Sufficient light and ventilation were provided, the divisions properly washed, and walls and underside of roof limewashed. Cowshed in Esk Street, Longtown—Where there was insufficient light, and the underside of roof not limewashed. Notice was served, and light was provided, and ceiling limewashed. Three cowsheds, at Wide-open-dykes—Where the pavement was in an imperfect condition, insufficient light, imperfect and insufficient ventilation, and the underside of roof required limewashing. Notice was served, with the result that the pavement has been reconstructed and laid in bricks, the ventilation improved, light provided, and under side of the roof limewashed. This cowkeeper requires reminding to keep his sheds clean. Two cowsheds at Blackford—Where there was insufficient light, but the occupier has ceased selling milk. Cowshed at Mosside—Where the tenant made application to have his cowshed registered. A gully-trap was required at the door, and proper limewashing inside. The trap was provided, and walls and underside of roof limewashed. It is well lighted and ventilated, and it is kept very clean. Cowshed at Englishtown—Where the roof required limewashing. This has been done. Cowshed at Guards Mill—Where the underside of the roof required limewashing, and the defective cobble channels put into order. This has been remedied. Cowshed in Bank Street, Longtown—Where the walls and ceiling required limewashing, and more light provided. This has been done. Cowshed in English Street, Longtown—Where the cowshed is not kept clean, the manure heap lying within 4 feet of the

Cowshed door, and smelling badly. The cowshed has been cleaned and limewashed, and the manure removed, but the cowkeeper does not keep the shed in a satisfactory condition. Cowshed in English Street, Longtown—Where the slit holes for ventilation required alteration, the underside of the roof limewashing, and the gully-trap at the door allowed to get choked. A large number of pigs were kept on the premises, and allowed to run over the whole yard, which was in a filthy condition. The gully-trap and yard were cleaned, and the pigs removed. The tenant has now ceased to sell milk. Cowshed in Albert Street, Longtown—Where the ceiling required limewashing. A door at the end of the cowshed opened into a building, which was fitted up as a stable, without drainage, light, and ventilation. The ceiling has been limewashed, and the horses removed from the adjoining building.

Water Supply.

At Sleetbeck, which I referred to in my Report for 1908, a new pump has been fixed, which, I hope, will remedy the complaint. At Westlinton, referred to in my Report for 1908, where a new well has been sunk, and the water now appears good in all weathers. At Coldside, from which I received a sample of water, and on analysis found it well adapted for all domestic purposes.

Report on the Administration of the Factory and Workshop Act, 1901.

During the year 1909 133 inspections were made of which 45 were to Factories, 38 to Workshops, and 50 to Workplaces. There were 5 cases of want of cleanliness, and 1 case of want of ventilation. All were remedied.

I am,
Your obedient Servant,

S. F. McLACHLAN,
Medical Officer of Health.

To the Chairman and Members of the
Longtown Rural District Council.

TABLE I.

Vital Statistics of whole District during 1909 and Previous Years.
Longtown Rural Sanitary District.

Year.	Population estimated to middle of each Year.	Births.		Total Deaths registered in the District.				Total Deaths in Public Institutions in the District.	Deaths of Non-residents registered in Public Institutions in the District	Deaths of residents registered in Public Institutions beyond the District.	Nett Deaths at all ages belonging to the District.	
				Under one year of age.		At all ages.						
		Number	Rate.	Number	Rate per 1000 Births Registered.	Number.	Rate.				Number.	Rate.
1899	7181	169	23·53	35	207·10	112	15·59	8	...	...	111	15·45
1900	7181	152	21·16	12	78·94	109	15·17	4	...	...	109	15·17
1901	6676	159	23·81	20	125·8	82	12·28	3	...	...	81	12·13
1902	6676	129	19·32	11	85·27	88	13·18	4	1	1	88	13·18
1903	6600	134	20·33	10	71·63	85	12·88	2	...	...	85	12·88
1904	6600	125	18·94	12	96·00	118	17·87	10	1	3	120	18·18
1905	6600	154	23·33	17	110·4	107	16·21	4	1	1	107	16·21
1906	6600	143	21·66	16	111·8	87	13·18	3	...	2	89	13·48
1907	6600	127	19·24	17	133·8	121	18·33	..	...	2	123	18·63
1908	6600	164	24·84	16	97·56	100	15·15	2	1	1	100	15·15
Averages for years 1899–1908	6731	145	21·61	16⅗	111·83	101	14·98	4	⅗	1	101	15·04
1909	6600	128	19·39	10	78·12	90	13·64	4	...	2	92	13·93

Area of District in acres (exclusive of area covered by water)—94,173

Total population at all ages	6676	At Census of 1901.
Number of inhabited houses	1435	
Average number of persons per house ...	4½	

TABLE II.

Vital Statistics of separate Localities in 1909 and previous years.

Longtown Rural Sanitary District.

Names of Localities.	Whole District.				High District.				Low District.			
Year.	Population estimated to middle of each Year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each Year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each Year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.
1899 ...	7181	169	111	35	2124	40	26	6	5057	129	85	29
1900 ...	7181	152	109	12	2124	37	30	2	5057	115	79	10
1901 ...	6676	159	82	20	1839	44	23	6	4837	115	59	14
1902 ..	6676	129	88	11	1839	30	22	1	4837	99	66	10
1903 ..	6600	134	85	10	1800	41	28	3	4800	93	57	7
1904 ..	6600	125	120	12	1800	32	39	4	4800	93	81	8
1905 ...	6600	154	107	17	1800	40	27	2	4800	114	80	15
1906 ...	6600	143	89	16	1800	34	20	3	4800	109	69	13
1907 ...	6600	127	123	17	1800	25	30	1	4800	102	93	16
1908 ..	6600	164	100	16	1800	45	30	4	4800	119	70	12
Averages of Years 1899 to 1908	6731	145	101	$16\frac{3}{5}$	1872	$36\frac{4}{5}$	$27\frac{1}{2}$	$3\frac{1}{5}$	4858	$108\frac{4}{5}$	$73\frac{9}{10}$	$13\frac{2}{5}$
1909 ..	6600	128	92	10	1800	28	19	3	4800	100	73	7

TABLE III.

Cases of Infectious Disease notified during the Year 1909.
Longtown Rural Sanitary District.

Notifiable Disease.	Cases notified in whole District.							Total Cases notified in each Locality.		No. of Cases removed to Hospital from each Locality.		Total Cases removed to Hospital.
	At all Ages.	At Ages—Years.										
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.	65 and upwards.	High District.	Low District. W.	High District	Low District	
Small-pox	...	...	...	...	...	...	...	...	..	...	...	..
Cholera	...	..	...	...	...	...	...	...	...	...	...	...
Diphtheria including Membranous Croup	...	...	...	...	...	...	...	...	...	...	...	..
Erysipelas	3	...	...	...	1	2	..	2	1	...	...	...
Scarlet Fever	22	..	4	14	3	1	..	1	21	...	...	..
Typhus Fever... ...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever... ...	1	...	..	...	...	1	...	...	1	..	...	...
Relapsing Fever ...	...	...	...	...	..	..	...	...	...	...	..	...
Continued Fever ..	...	...	...	...	...	...	...	..	...	...	...	...
Puerperal Fever ..	...	...	...	...	...	..	..	..	...	...	...	...
Plague...	...	...	...	...	...	..	...	...	...	...	...	..
Totals	26	...	4	14	4	4	...	3	23	Nil	Nil	Nil

Isolation Hospital—Carlisle Fever Hospital.
Total available Beds 50.
Number of Diseases that can be concurrently treated 3.

TABLE IV.

Causes of, and Ages at, Death during Year 1909.
Longtown Rural Sanitary District.

Causes of Death.	Deaths at the subjoined ages of "Residents" whether occurring in or beyond the District.							Deaths at all ages of "Residents" belonging to localities, whether occurring in or beyond the district.		Total deaths whether of Residents or non-Residents in Public Institutions in the district
	All ages.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	High D'trict	Low D'trict	
Small-pox	...	...	...	...	...	...	...	...	..	...
Measles	...	..	...	...	..	...	...	...	...	...
Scarlet Fever	...	...	...	...	...	...	...	...	...	..
Whooping-cough .	..	...	...	...	...	...	...	...	...	...
Diphtheria, including Membranous Croup	...	...	..	...	...	...	...	...	...	...
Croup	...	...	...	...	...	...	...	...	..	...
Fever { Typhus ...	...	...	...	...	...	...	...	...	..	...
Fever { Enteric ..	...	...	...	...	...	...	...	...	...	...
Fever { Other continued	...	..	..	...	..	...	...	...	...	...
Epidemic Influenza ...	1	..	...	..	..	1	...	1	...	..
Cholera	...	...	...	...	...	..	...	...	...	.
Plague	...	...	...	...	...	...	...	...	...	...
Diarrhœa	...	...	...	...	...	...	..	...	...	...
Enteritis	2	1	...	...	...	1	...	...	2	...
Gastritis	1	1	..	...	...	...	...	1	...	...
Puerperal Fever ...	...	...	...	...	...	...	...	...	...	...
Erysipelas	...	...	...	..	...	...	...	...	...	..
Phthisis (Pulmonary Tuberculosis) ...	8	...	...	...	2	6	...	1	7	...
Other Tuberculous Diseases . .	3	...	1	1	...	1	...	1	2	.
Cancer, Malignant Disease	9	...	...	...	...	6	3	3	6	...
Bronchitis	5	...	...	...	...	2	3	...	5	...
Pneumonia	3	1	...	...	...	...	2	1	2	...
Pleurisy	1	...	...	...	..	1	...	...	1	1
Other Diseases of Respiratory Organs ..	...	...	...	..	..	...	...	..	...	...
Alcoholism } Cirrhosis of Liver } ..	1	...	...	..	...	...	1	. .	1	1
Venereal Diseases ..	...	..	..	...	...	...	...	..	...	...
Premature Birth .	3	3	...	...	...	...	...	...	3	..
Diseases and Accidents of Parturition ...	2	...	...	...	...	2	...	...	2	.
Heart Diseases ...	13	...	...	...	..	2	11	3	10	2
Accidents	3	...	1	...	...	2	...	...	3	...
Suicides	...	...	..	...	...	..	...	..	...	..
Diabetes	1	...	...	...	..	1	. .	...	1	...
All other causes ...	36	4	3	...	2	8	19	8	28	...
All causes	92	10	5	1	4	33	39	19	73	4

TABLE V.

Longtown Rural Sanitary District.

INFANTILE MORTALITY DURING THE YEAR 1909.

Deaths from stated Causes in Weeks and Months under One Year of Age.

CAUSE OF DEATH.		Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-2 Months.	2-3 Months.	3-4 Months.	4-5 Months.	5-6 Months.	6-7 Months.	7-8 Months.	8-9 Months.	9-10 Months.	10-11 Months	11-12 Months	Total Deaths under One Year.
All Causes	Certified	3	1	1		5			2	1	1	1						10
	Uncertified																	
Common Infectious Diseases.	Small-pox																	
	Chicken-pox																	
	Measles																	
	Scarlet Fever																	
	Diphtheria : Croup																	
	Whooping Cough																	
Diarrhœal Diseases.	Diarrhœa, all forms																	
	Enteritis, Muco-enteritis Gastro-enteritis								1									1
	Gastritis, Gastro-intestinal Catarrh								1									1
Wasting Diseases.	Premature Birth	2	1			3												3
	Congenital Defects	1				1												1
	Injury at Birth																	
	Want of Breastmilk																	
	Atrophy, Debility, Marasmus			1		1												1
Tuberculous Diseases.	Tuberculous Meningitis																	
	Tuberculous Peritonitis : Tabes Mesenterica																	
	Other Tuberculous Diseases																	
Other Causes.	Erysipelas																	
	Syphilis																	
	Rickets																	
	Meningitis (*not Tuberculous*)																	
	Convulsions										1							1
	Bronchitis																	
	Laryngitis																	
	Pneumonia									1								1
	Suffocation, overlying																	
	Other Causes											1						1
		3	1	1		5			2	1	1	1						10

Longtown Rural Sanitary District.

Births in the year { Legitimate, 113. Illegitimate, 15. } Deaths in the year of { Legitimate Infants, 8. Illegitimate ,, 2. }

Population—Estimated to middle of 1909—6,600.

Deaths from **all Causes at all Ages 90.**

Annual Report of the Medical Officer of Health for the year 1909, for the Rural District of Longtown, on the administration of the Factory and Workshop Act, 1901, in connection with

FACTORIES, WORKSHOPS, WORKPLACES, AND HOMEWORK.

1.—INSPECTION OF FACTORIES, WORKSHOPS, AND WORKPLACES.

Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

Premises.	Number of		
	Inspections.	Written Notices.	Prosecutions.
Factories ... (Including Factory Laundries)	45	Nil.	Nil.
Workshops ... (Including Workshop Laundries)	38	3	Nil.
Workplaces ... (Other than Outworkers' premises included in Part 3 of this Report)	50	2	Nil.
Total ...	133	5	Nil.

2.—DEFECTS FOUND IN FACTORIES, WORKSHOPS, AND WORKPLACES.

Particulars.	Number of Defects.			Number of Prosecutions.
	Found.	Remedied.	Referred to H.M. Inspector.	
Nuisances under the Public Health Acts :—				
Want of cleanliness	5	5	Nil.	Nil.
Want of ventilation	1	1	Nil.	Nil.
Overcrowding...	...	...	...	..
Want of drainage of floors ...	...	...	...	...
Other nuisances	...	...	...	...
Sanitary accommodation :—				
1. Insufficient	...	...	...	...
2. Unsuitable or defective	..	...	...	...
3. Not separate for sexes	...	...	...	...
Offences under the Factory and Workshop Act :—				
Illegal occupation of underground bakehouse (s. 101) ...	...	...	...	..
Breach of special sanitary requirements for bakehouses (ss. 97 to 100)	...	...	...	...
Other offences ... ... (Excluding offences relating to outwork which are included in Part 3 of this report)	...			
Total	6	6	Nil.	Nil.

3.—HOMEWORK.

OUTWORKERS' LISTS, SECTION 107.

Nil.

4.—REGISTERED WORKSHOPS.

Workshops on the Register (s. 131) at the end of the year		Number.
Important classes of workshops, such as workshop bakehouses, may be enumerated here.	Factories ...	15
	Workshops ...	8
	Bakehouses ...	3
	Domestic Workshops ...	50
	Total number of workshops on Register ...	76

5.—OTHER MATTERS.

Class.	Number.
Matters notified to H.M. Inspectors of Factories :—	Nil.
Failure to affix Abstract of the Factory and Workshop Act (s. 133)	
Action taken in matters referred by H.M. Inspector as remediable under the Public Health Acts, but not under the Factory and Workshop Act (s. 5) :—	
Notified by H.M. Inspectors	
Reports (of action taken) sent to H.M. Inspector	
Other	
Underground Bakehouses (s. 101) :—	
Certificates granted during the year	
In use at the end of the year	